



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 5

Test Date: March 2009
Code: 12491941
SAU: MSAD 55
School: Sacopee Valley Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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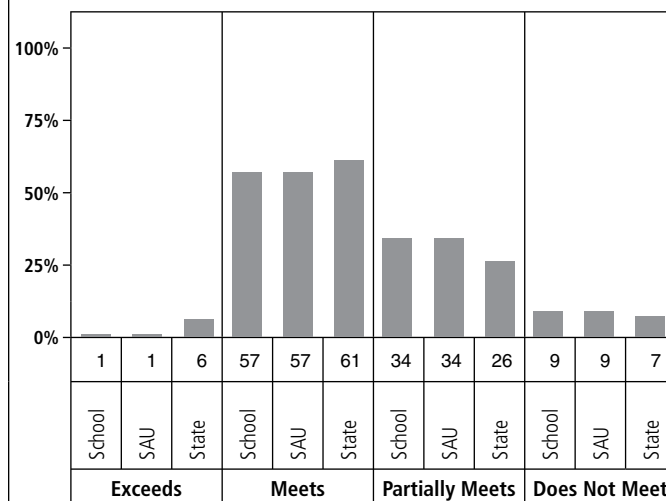
SUMMARY OF SCORES

Test Date: March 2009
Grade: 5
SAU: MSAD 55
School: Sacoe Valley Middle School

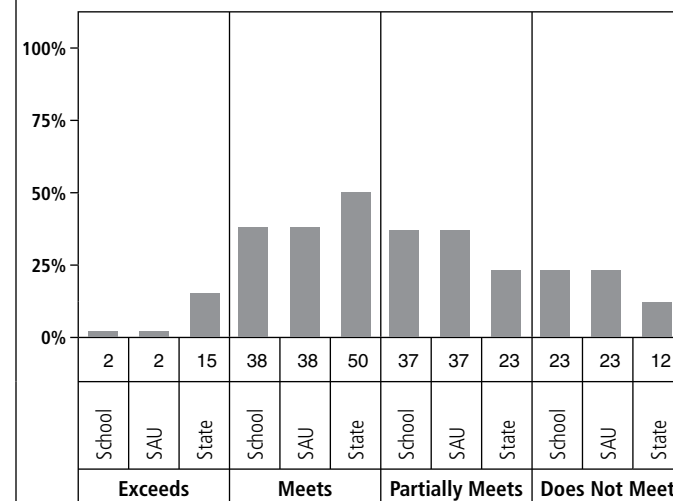
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading 2006–2007 2007–2008 2008–2009 Cum. Avg.*	542 542	543 542 542 542	544 545 546 545
Mathematics 2006–2007 2007–2008 2008–2009 Cum. Avg.*	538 538	543 538 538 540	546 546 547 546
Science 2008–2009**	541	541	543

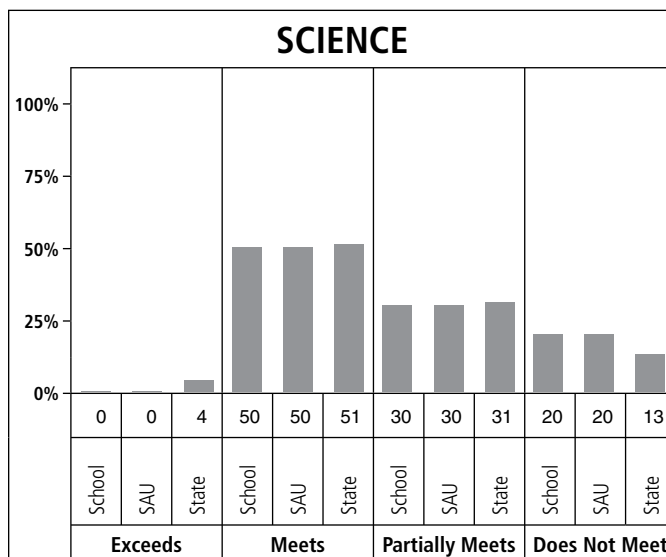
ELA – READING



MATHEMATICS



SCIENCE



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

**Because science testing moved from grade 4 to grade 5 in March 2009, science standards were reset and therefore no historical data are available.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 5
SAU: MSAD 55
School: Sacopee Valley Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	95	100	95	100	14212	100	95	100	95	100	14135	100	95	100	95	100	14144	100	95	100	95	100	14137	100
Ethnicity African American/Black	0	0	0	0	397	3	0	0	0	0	388	98	0	0	0	0	393	99	0	0	0	0	389	98
American Indian or Native Alaskan	1	1	1	1	110	1	1	100	1	100	110	100	1	100	1	100	110	100	1	100	1	100	110	100
Asian or Pacific Islander	0	0	0	0	259	2	0	0	0	0	253	98	0	0	0	0	258	100	0	0	0	0	257	99
Hispanic	1	1	1	1	175	1	1	100	1	100	172	99	1	100	1	100	172	99	1	100	1	100	173	99
Caucasian/White	93	98	93	98	13271	93	93	100	93	100	13212	100	93	100	93	100	13211	100	93	100	93	100	13208	100
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	17	18	17	18	2479	17	17	100	17	100	2454	100	17	100	17	100	2455	100	17	100	17	100	2451	99
Current LEP	0	0	0	0	374	3	0	0	0	0	359	96	0	0	0	0	370	99	0	0	0	0	366	98
Economically disadvantaged	43	45	43	45	5848	41	43	100	43	100	5815	100	43	100	43	100	5819	100	43	100	43	100	5812	100
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100	0	0	0	0	8	100

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	64	67	64	67	10849	76	64	67	64	67	10872	76	64	67	64	67	10976	77
Identified disability (PET/IEP)	0	0	0	0	298	3	0	0	0	0	307	3	0	0	0	0	338	3
LEP	0	0	0	0	170	2	0	0	0	0	169	2	0	0	0	0	177	2
504 plan	0	0	0	0	123	1	0	0	0	0	121	1	0	0	0	0	126	1
Participation with accommodations	28	29	28	29	3122	22	28	29	28	29	3124	22	28	29	28	29	3019	21
Identified disability (PET/IEP)	14	50	14	50	1992	64	14	50	14	50	2000	64	14	50	14	50	1971	65
LEP	0	0	0	0	184	6	0	0	0	0	196	6	0	0	0	0	184	6
504 plan	0	0	0	0	84	3	0	0	0	0	86	3	0	0	0	0	81	3
Other	14	50	14	50	907	29	14	50	14	50	886	28	14	50	14	50	826	27
Participation through alternate assessment (PAAP)	3	3	3	3	164	1	3	3	3	3	148	1	3	3	3	3	142	1
Identified disability (PET/IEP)	3	100	3	100	164	100	3	100	3	100	148	100	3	100	3	100	142	100
LEP	0	0	0	0	5	3	0	0	0	0	5	3	0	0	0	0	5	4
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	19	0	0	0	0	0	19	0	0	0	0	0	20	0
Non-participation – other	0	0	0	0	58	0	0	0	0	0	49	0	0	0	0	0	55	0

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 5
SAU: MSAD 55
School: Sacopee Valley Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 562–580)	2006-2007			2	2	702	5
	2007-2008	2	2	2	2	659	5
	2008-2009	1	1	1	1	836	6
	Cum. Total*			5	2	2197	5
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 542–560)	2006-2007			58	59	7730	55
	2007-2008	52	51	52	51	8195	58
	2008-2009	52	57	52	57	8495	61
	Cum. Total*			162	55	24420	58
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 532–540)	2006-2007			27	27	4182	30
	2007-2008	36	36	36	36	3800	27
	2008-2009	31	34	31	34	3667	26
	Cum. Total*			94	32	11649	28
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 500–530)	2006-2007			12	12	1419	10
	2007-2008	11	11	11	11	1362	10
	2008-2009	8	9	8	9	973	7
	Cum. Total*			31	11	3754	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	48	100	28.3	59.0	28.3	59.0	30.8	64.2
A1/A2 Interconnected Elements/Literary Text	24	50	13.5	56.3	13.5	56.3	15.0	62.5
A1/A3 Interconnected Elements/Informational Text	24	50	14.8	61.7	14.8	61.7	15.8	65.8

The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 5
 SAU: MSAD 55
 School: Sacopee Valley Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	92	1	1	52	57	31	34	8	9	542	92	1	57	34	9	542	13971	6	61	26	7	546
Ethnicity																						
African American/Black	0										0						381	2	44	31	23	540
American Indian or Native Alaskan	1										1						110	0	48	38	14	541
Asian or Pacific Islander	0										0						252	11	58	21	11	547
Hispanic	0										0						166	4	54	32	10	543
Caucasian/White	91	1	1	51	56	31	34	8	9	542	91	1	56	34	9	542	13062	6	62	26	6	546
Not Reported	0										0						0					
Identified disability																						
Yes	14	0	0	4	29	8	57	2	14	536	14	0	29	57	14	536	2290	0	29	47	23	537
No	78	1	1	48	62	23	29	6	8	543	78	1	62	29	8	543	11681	7	67	22	4	548
Current LEP																						
Yes	0										0						354	1	35	34	30	538
No	92	1	1	52	57	31	34	8	9	542	92	1	57	34	9	542	13617	6	61	26	6	546
Economically disadvantaged																						
Yes	40	0	0	21	53	14	35	5	13	541	40	0	53	35	13	541	5716	2	51	35	12	542
No	52	1	2	31	60	17	33	3	6	543	52	2	60	33	6	543	8255	9	67	20	4	548
Migrant																						
Yes	0										0						8	0	38	25	38	538
No	92	1	1	52	57	31	34	8	9	542	92	1	57	34	9	542	13963	6	61	26	7	546
Gender																						
Female	44	1	2	28	64	13	30	2	5	543	44	2	64	30	5	543	6882	8	62	24	6	547
Male	48	0	0	24	50	18	38	6	13	541	48	0	50	38	13	541	7089	4	60	28	8	545
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	21	0	0	6	29	8	38	7	33	535	21	0	29	38	33	535	1914	1	41	44	14	540
No	71	1	1	46	65	23	32	1	1	544	71	1	65	32	1	544	12057	7	64	23	6	547
Gifted/talented program																						
Yes	3										3						450	26	72	2	0	557
No	89	0	0	50	56	31	35	8	9	541	89	0	56	35	9	541	13521	5	60	27	7	545

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 5
SAU: MSAD 55
School: Sacopee Valley Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	1	0	0	1	100	0	0	0	0	542	1	0	100	0	0	542	4	2	40	34	24	540
B. less than one hour	70	1	2	36	56	21	33	6	9	542	70	2	56	33	9	542	70	6	63	26	6	546
C. one to two hours	27	0	0	14	56	10	40	1	4	543	27	0	56	40	4	543	24	7	61	26	6	546
D. more than two hours	1	0	0	0	0	0	0	1	100	528	1	0	0	0	100	528	2	4	42	33	21	541
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	35	1	3	22	69	8	25	1	3	545	35	3	69	25	3	545	36	10	67	18	5	549
B. good	49	0	0	23	51	18	40	4	9	541	49	0	51	40	9	541	47	5	62	27	6	546
C. fair	13	0	0	7	58	3	25	2	17	540	13	0	58	25	17	540	15	2	47	40	12	541
D. poor	3	0	0	0	0	2	67	1	33	533	3	0	0	67	33	533	2	0	30	46	24	537
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	29	1	4	19	70	7	26	0	0	545	29	4	70	26	0	545	31	9	65	20	5	548
B. They match some of what I have learned.	57	0	0	28	54	19	37	5	10	542	57	0	54	37	10	542	55	5	63	27	5	546
C. They match just a little of what I have learned.	11	0	0	5	50	3	30	2	20	539	11	0	50	30	20	539	10	3	45	38	14	542
D. There is no match.	3	0	0	0	0	2	67	1	33	534	3	0	0	67	33	534	3	1	31	41	27	537
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	20	0	0	5	28	9	50	4	22	536	20	0	28	50	22	536	16	3	49	32	15	542
B. about the same as my regular schoolwork	66	1	2	37	62	18	30	4	7	543	66	2	62	30	7	543	64	7	63	25	5	547
C. easier than my regular schoolwork	14	0	0	10	77	3	23	0	0	546	14	0	77	23	0	546	20	5	62	26	7	546
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	11	0	0	2	20	7	70	1	10	536	11	0	20	70	10	536	10	1	33	42	24	538
B. Most of the passages were about the same as what I normally read.	58	0	0	28	53	20	38	5	9	541	58	0	53	38	9	541	52	4	61	29	6	545
C. Most of the passages were easier than what I normally read.	31	1	4	22	79	4	14	1	4	546	31	4	79	14	4	546	38	10	68	18	4	549
How much time do you spend reading at home each day?																						
A. more than one hour	15	0	0	10	71	4	29	0	0	544	15	0	71	29	0	544	20	10	64	21	5	548
B. 20 minutes to an hour	48	1	2	26	59	14	32	3	7	543	48	2	59	32	7	543	56	7	65	24	5	547
C. less than 20 minutes	11	0	0	4	40	5	50	1	10	539	11	0	40	50	10	539	10	3	52	33	12	543
D. I rarely read at home.	26	0	0	12	50	8	33	4	17	540	26	0	50	33	17	540	14	1	46	38	14	541
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	36	0	0	14	44	13	41	5	16	539	36	0	44	41	16	539	25	3	53	33	11	543
B. six to ten pages	19	0	0	10	59	6	35	1	6	542	19	0	59	35	6	542	26	6	61	26	7	546
C. eleven or more pages	45	1	3	27	68	10	25	2	5	544	45	3	68	25	5	544	49	8	65	23	5	547
Optional school/SAU question																						
A.	22	0	0	0	0	1	50	1	50	534	22	0	0	50	50	534						
B.	44	0	0	1	25	1	25	2	50	531	44	0	25	25	50	531						
C.	11	0	0	0	0	0	0	1	100	524	11	0	0	0	100	524						
D.	22	0	0	0	0	0	0	2	100	528	22	0	0	0	100	528						

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 5
SAU: MSAD 55
School: Sacopee Valley Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 562–580)	2006-2007			6	6	1711	12
	2007-2008	4	4	4	4	1617	12
	2008-2009	2	2	2	2	2119	15
	Cum. Total*			12	4	5447	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 542–560)	2006-2007			44	44	6778	48
	2007-2008	41	41	41	41	7284	52
	2008-2009	35	38	35	38	7046	50
	Cum. Total*			120	41	21108	50
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 530–540)	2006-2007			38	38	3884	28
	2007-2008	33	33	33	33	3341	24
	2008-2009	34	37	34	37	3193	23
	Cum. Total*			105	36	10418	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 500–528)	2006-2007			11	11	1683	12
	2007-2008	23	23	23	23	1778	13
	2008-2009	21	23	21	23	1638	12
	Cum. Total*			55	19	5099	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	48	100	19.7	41.0	19.7	41.0	25.5	53.1
A. Number	18	38	7.1	39.4	7.1	39.4	9.8	54.4
B. Data	10	21	4.4	44.0	4.4	44.0	5.2	52.0
C. Geometry	10	21	3.7	37.0	3.7	37.0	4.7	47.0
D. Algebra	10	21	4.6	46.0	4.6	46.0	5.7	57.0

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 5
 SAU: MSAD 55
 School: Sacopee Valley Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	92	2	2	35	38	34	37	21	23	538	92	2	38	37	23	538	13996	15	50	23	12	547
Ethnicity																						
African American/Black	0										0						385	6	35	28	30	537
American Indian or Native Alaskan	1										1						110	5	42	34	20	540
Asian or Pacific Islander	0										0						257	19	50	20	12	548
Hispanic	0										0						166	9	43	31	17	543
Caucasian/White	91	2	2	35	38	33	36	21	23	538	91	2	38	36	23	538	13078	15	51	23	11	547
Not Reported	0										0						0					
Identified disability																						
Yes	14	0	0	6	43	1	7	7	50	532	14	0	43	7	50	532	2307	3	32	32	33	536
No	78	2	3	29	37	33	42	14	18	539	78	3	37	42	18	539	11689	17	54	21	8	549
Current LEP																						
Yes	0										0						365	5	33	30	32	536
No	92	2	2	35	38	34	37	21	23	538	92	2	38	37	23	538	13631	15	51	23	11	547
Economically disadvantaged																						
Yes	40	0	0	13	33	17	43	10	25	537	40	0	33	43	25	537	5731	7	46	29	18	542
No	52	2	4	22	42	17	33	11	21	538	52	4	42	33	21	538	8265	21	53	19	7	550
Migrant																						
Yes	0										0						8	0	38	50	13	540
No	92	2	2	35	38	34	37	21	23	538	92	2	38	37	23	538	13988	15	50	23	12	547
Gender																						
Female	44	1	2	17	39	16	36	10	23	537	44	2	39	36	23	537	6889	14	51	23	12	546
Male	48	1	2	18	38	18	38	11	23	538	48	2	38	38	23	538	7107	16	50	23	11	547
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	21	0	0	3	14	8	38	10	48	531	21	0	14	38	48	531	1918	3	39	36	22	539
No	71	2	3	32	45	26	37	11	15	539	71	3	45	37	15	539	12078	17	52	21	10	548
Gifted/talented program																						
Yes	3										3						450	64	34	2	0	564
No	89	1	1	34	38	33	37	21	24	537	89	1	38	37	24	537	13546	14	51	23	12	546

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 5
SAU: MSAD 55
School: Sacopee Valley Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	1	0	0	1	100	0	0	0	0	552	1	0	100	0	0	552	4	8	38	26	28	539
B. less than one hour	70	2	3	23	36	24	38	15	23	538	70	3	36	38	23	538	70	15	52	23	10	547
C. one to two hours	27	0	0	10	40	10	40	5	20	537	27	0	40	40	20	537	24	15	51	23	11	547
D. more than two hours	1	0	0	0	0	0	0	1	100	528	1	0	0	0	100	528	2	9	37	24	30	539
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	26	2	8	7	29	10	42	5	21	539	26	8	29	42	21	539	34	28	50	14	8	552
B. good	53	0	0	21	44	17	35	10	21	538	53	0	44	35	21	538	45	11	54	24	10	546
C. fair	16	0	0	5	33	5	33	5	33	533	16	0	33	33	33	533	18	3	45	33	19	540
D. poor	4	0	0	1	25	2	50	1	25	538	4	0	25	50	25	538	3	1	29	41	29	535
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	32	1	3	14	48	8	28	6	21	540	32	3	48	28	21	540	38	22	52	19	7	550
B. They match some of what I have learned.	52	1	2	18	38	17	36	11	23	537	52	2	38	36	23	537	48	12	53	24	11	546
C. They match just a little of what I have learned.	13	0	0	3	25	7	58	2	17	536	13	0	25	58	17	536	11	6	40	30	24	540
D. There is no match.	3	0	0	0	0	1	33	2	67	531	3	0	0	33	67	531	3	6	26	29	38	534
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	14	0	0	5	38	3	23	5	38	536	14	0	38	23	38	536	17	7	42	30	21	540
B. about the same as my regular schoolwork	68	2	3	24	38	26	41	11	17	539	68	3	38	41	17	539	64	15	53	23	10	547
C. easier than my regular schoolwork	17	0	0	6	38	5	31	5	31	534	17	0	38	31	31	534	19	24	49	17	10	550
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	10	0	0	3	33	1	11	5	56	533	10	0	33	11	56	533	7	6	39	27	27	539
B. 30–45 minutes	27	0	0	7	28	8	32	10	40	532	27	0	28	32	40	532	28	9	49	28	15	544
C. 45–60 minutes	50	1	2	20	43	21	46	4	9	540	50	2	43	46	9	540	41	17	53	21	9	548
D. more than 60 minutes	13	1	8	5	42	4	33	2	17	541	13	8	42	33	17	541	24	21	51	20	8	549
How often do you use calculators in mathematics class?																						
A. almost every day	8	0	0	3	43	1	14	3	43	530	8	0	43	14	43	530	6	14	43	24	20	543
B. two or three days a week	42	2	5	15	38	14	36	8	21	539	42	5	38	36	21	539	24	17	52	21	10	548
C. two or three times each month	33	0	0	13	43	12	40	5	17	538	33	0	43	40	17	538	33	17	52	21	9	548
D. never or almost never	17	0	0	4	25	7	44	5	31	537	17	0	25	44	31	537	38	12	49	25	14	545
How often do you use hands-on materials in mathematics class?																						
A. almost every day	15	1	7	7	50	1	7	5	36	538	15	7	50	7	36	538	23	13	47	26	15	545
B. two or three days a week	38	0	0	14	40	14	40	7	20	538	38	0	40	40	20	538	31	17	52	21	10	548
C. two or three times each month	29	0	0	11	41	11	41	5	19	539	29	0	41	41	19	539	27	17	52	21	10	548
D. never or almost never	17	1	6	3	19	8	50	4	25	535	17	6	19	50	25	535	20	12	50	24	14	545
Optional school/SAU question																						
A.	22	0	0	1	50	0	0	1	50	538	22	0	50	0	50	538						
B.	44	0	0	0	0	2	50	2	50	526	44	0	0	50	50	526						
C.	11	0	0	0	0	1	100	0	0	536	11	0	0	100	0	536						
D.	22	0	0	0	0	0	0	2	100	525	22	0	0	0	100	525						

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N = Number

SCIENCE RESULTS

Test Date: March 2009
Grade: 5
SAU: MSAD 55
School: Sacopee Valley Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 562–580)	2008-2009*	0	0	0	0	626	4
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 542–560)	2008-2009*	46	50	46	50	7187	51
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 532–540)	2008-2009*	28	30	28	30	4364	31
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 500–530)	2008-2009*	18	20	18	20	1818	13

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	48	100	27.7	57.7	27.7	57.7	29.2	60.8
D. The Physical Setting	24	50	11.9	49.6	11.9	49.6	12.9	53.8
E. The Living Environment	24	50	15.8	65.8	15.8	65.8	16.3	67.9

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting
D1 - Universe and Solar System
D2 - Earth
D3 - Matter and Energy
D4 - Force and Motion

Content Standard E. The Living Environment
E1 - Biodiversity
E2 - Ecosystems
E3 - Cells
E4 - Heredity and Reproduction
E5 - Evolution

SCIENCE RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 5
 SAU: MSAD 55
 School: Sacopee Valley Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	92	0	0	46	50	28	30	18	20	541	92	0	50	30	20	541	13995	4	51	31	13	543
Ethnicity																						
African American/Black	0										0						382	2	31	32	35	535
American Indian or Native Alaskan	1										1						110	3	36	35	26	538
Asian or Pacific Islander	0										0						256	5	51	27	17	542
Hispanic	0										0						167	1	40	37	22	539
Caucasian/White	91	0	0	45	49	28	31	18	20	541	91	0	49	31	20	541	13080	5	52	31	12	544
Not Reported	0										0						0					
Identified disability																						
Yes	14	0	0	5	36	3	21	6	43	536	14	0	36	21	43	536	2309	2	29	39	29	536
No	78	0	0	41	53	25	32	12	15	541	78	0	53	32	15	541	11686	5	56	30	10	545
Current LEP																						
Yes	0										0						361	1	23	32	44	533
No	92	0	0	46	50	28	30	18	20	541	92	0	50	30	20	541	13634	5	52	31	12	544
Economically disadvantaged																						
Yes	40	0	0	19	48	12	30	9	23	540	40	0	48	30	23	540	5729	2	42	37	20	539
No	52	0	0	27	52	16	31	9	17	541	52	0	52	31	17	541	8266	6	58	27	8	546
Migrant																						
Yes	0										0						8	0	25	13	63	530
No	92	0	0	46	50	28	30	18	20	541	92	0	50	30	20	541	13987	4	51	31	13	543
Gender																						
Female	44	0	0	23	52	12	27	9	20	540	44	0	52	27	20	540	6886	4	49	33	14	542
Male	48	0	0	23	48	16	33	9	19	541	48	0	48	33	19	541	7109	5	54	29	12	544
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	21	0	0	5	24	8	38	8	38	533	21	0	24	38	38	533	1917	1	31	41	28	536
No	71	0	0	41	58	20	28	10	14	543	71	0	58	28	14	543	12078	5	55	30	11	544
Gifted/talented program																						
Yes	3										3						450	25	72	2	1	557
No	89	0	0	44	49	27	30	18	20	540	89	0	49	30	20	540	13545	4	51	32	13	543

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NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 5
SAU: MSAD 55
School: Sacopee Valley Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	1	0	0	1	100	0	0	0	0	552	1	0	100	0	0	552	4	2	37	35	25	538
B. less than one hour	70	0	0	28	44	23	36	13	20	540	70	0	44	36	20	540	70	4	53	31	12	544
C. one to two hours	27	0	0	17	68	4	16	4	16	543	27	0	68	16	16	543	24	5	51	31	12	544
D. more than two hours	1	0	0	0	0	0	0	1	100	520	1	0	0	0	100	520	2	4	39	31	26	539
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	33	0	0	17	57	8	27	5	17	542	33	0	57	27	17	542	26	7	56	26	11	545
B. good	57	0	0	25	48	14	27	13	25	539	57	0	48	27	25	539	53	4	53	31	11	544
C. fair	11	0	0	4	40	6	60	0	0	542	11	0	40	60	0	542	18	2	41	39	17	540
D. poor	0										0						3	1	33	36	30	536
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	24	0	0	16	73	6	27	0	0	546	24	0	73	27	0	546	23	5	56	28	11	544
B. They match some of what I have learned.	55	0	0	24	47	15	29	12	24	540	55	0	47	29	24	540	48	5	52	31	12	544
C. They match just a little of what I have learned.	17	0	0	4	25	7	44	5	31	536	17	0	25	44	31	536	23	4	49	33	14	543
D. There is no match.	3	0	0	2	67	0	0	1	33	540	3	0	67	0	33	540	6	3	40	34	23	539
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	16	0	0	5	36	7	50	2	14	540	16	0	36	50	14	540	23	5	48	31	16	543
B. about the same as my regular schoolwork	69	0	0	31	51	18	30	12	20	540	69	0	51	30	20	540	58	4	52	32	12	543
C. easier than my regular schoolwork	15	0	0	9	69	1	8	3	23	544	15	0	69	8	23	544	19	6	53	29	11	544
How often do you have science classes?																						
A. every day	49	0	0	26	58	11	24	8	18	542	49	0	58	24	18	542	33	5	51	31	14	543
B. a few times a week	43	0	0	19	48	14	35	7	18	540	43	0	48	35	18	540	45	4	52	32	11	544
C. once a week	3	0	0	0	0	2	67	1	33	535	3	0	0	67	33	535	8	4	50	30	16	542
D. a few times a month	4	0	0	1	25	1	25	2	50	531	4	0	25	25	50	531	15	4	52	30	14	543
Which statement best describes how you learn science?																						
A. I mostly read a textbook and answer questions, and/or take notes and do assignments. I use science kits for demonstrations and experiments.	26	0	0	11	46	5	21	8	33	539	26	0	46	21	33	539	30	3	48	35	14	542
B. I work in groups to design and conduct experiments.	37	0	0	13	38	14	41	7	21	537	37	0	38	41	21	537	23	2	43	37	18	540
C. I do a combination of A and B, mostly A.	27	0	0	15	60	7	28	3	12	544	27	0	60	28	12	544	27	6	58	26	9	546
D. I do a combination of A and B, mostly B.	10	0	0	7	78	2	22	0	0	548	10	0	78	22	0	548	21	6	58	27	10	545
How often do you make observations and collect data in science class?																						
A. a few times a week	54	0	0	24	48	15	30	11	22	540	54	0	48	30	22	540	47	4	51	32	12	543
B. a few times a month	35	0	0	18	56	11	34	3	9	542	35	0	56	34	9	542	27	5	54	30	11	544
C. once a month	7	0	0	2	33	1	17	3	50	536	7	0	33	17	50	536	10	5	49	30	15	543
D. never or almost never	4	0	0	2	50	1	25	1	25	541	4	0	50	25	25	541	15	3	48	32	16	542
How often do you use observations and data to support your idea about science?																						
A. a few times a week	60	0	0	30	57	16	30	7	13	542	60	0	57	30	13	542	46	4	52	32	12	543
B. a few times a month	31	0	0	10	36	12	43	6	21	538	31	0	36	43	21	538	28	5	53	30	12	544
C. once a month	7	0	0	1	17	0	0	5	83	528	7	0	17	0	83	528	11	4	47	34	15	542
D. never or almost never	2	0	0	2	100	0	0	0	0	552	2	0	100	0	0	552	15	4	50	30	16	542
Optional school/SAU question																						
A.	22	0	0	1	50	0	0	1	50	539	22	0	50	0	50	539						
B.	44	0	0	1	25	1	25	2	50	528	44	0	25	25	50	528						
C.	11	0	0	0	0	1	100	0	0	540	11	0	0	100	0	540						
D.	22	0	0	0	0	0	0	2	100	518	22	0	0	0	100	518						

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N = Number